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DATE: FEBRUARY 12, 2007

TO: Hard Copy to Follow via Mail: NO

NAME	FAX NO.	PHONE NO.
USPTO Art Unit: 2856 Examiner: John E. Chapman Jr.	571-273-8300	

FROM: Sara Geer - 2081

RE: U.S. Patent Application No. 10/541974  
Configurations And Methods For Ultrasound Time Of Flight Diffraction  
Analysis  
Barry Messer et al.

CLIENT/MATTER NO.: 100325.0201US1	NUMBER OF PAGES, INCLUDING COVER: 8
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PAGE 1/8 \* RCVD AT 2/12/2007 7:09:55 PM [Eastern Standard Time] \* SVR:USPTO-EFXRF-3/22 \* DNIS:2738300 \* CSID:714 546 9035 \* DURATION (mm-ss):02-40

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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/541974	
	Filing Date	February 15, 2006	
	First Named Inventor	Barry Messer	
	Art Unit	2856	
	Examiner Name	John E. Chapman Jr.	
Total Number of Pages in This Submission	7	Attorney Docket Number	100325.0201US1

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
<div style="border: 1px solid black; padding: 5px; min-height: 40px;">         Remarks       </div>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	Rutan & Tucker, LLP		
Signature			
Printed name	Martin Fessenmaier		
Date	2/12/2007	Reg. No.	46697

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Signature		
Typed or printed name	Sara Geer	Date
		2/12/2007

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Appl No.: 10/541,974  
Applicant: Barry Messer  
Filed: February 15, 2006  
TC/A.U.: 2856  
Examiner: Chapman Jr., John E.

Confirmation No. 8086

Docket No.: 100325.0201US1  
Customer No.: 34284

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

AMENDMENT

Sir:

In response to the Office action of January 18, 2007, please amend the above-identified application as follows:

**Amendments to the Specification - None -**

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Amendments to the Drawings - None -**

**Remarks/Arguments** begin on page 5 of this paper.

**Appendix - None -**